

IN THE SPECIFICATION:

Please replace the paragraph beginning at page 7, line 2 with the following amended paragraph:

--Fig. 5 is an alignment of the amino acid sequence of the MutY of the invention with amino acid sequences of other MutY proteins (Tth MutY – SEQ ID NO:2; Has MutY – SEQ ID NO:20; Spo MutY – SEQ ID NO:21; Eco MutY – SEQ ID NO:22; and Eco EndoIII – SEQ ID NO:23).--

Please replace the paragraph beginning at page 7, line 10, with the following amended paragraph:

--Fig. 11 is a diagram showing substrate DNA and 32P-labeled site (SEQ ID NOs: 18 and 19).--

Please replace the paragraph beginning at page 7, line 14, with the following amended paragraph:

--Fig. 14 is an alignment of the amino acid sequence of the RecJ of the invention with amino acid sequences of other RecJ proteins (SEQ ID NOs: 24-56).--

Please replace the paragraph beginning at page 7, line 18, with the following amended paragraph:

--Fig. 17 is a diagram showing the method of measurement of the exonuclease activity of RecJ (also shown is SEQ ID NO:57).--

Please replace the paragraph beginning on page 8, line 4, with the following amended paragraph:

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--Fig. 27 is an alignment of the amino acid sequence of the RecF of the invention with amino acid sequences of other RecF proteins (Tth – SEQ ID NO:58; Eco – SEQ ID NO:59; Ppu – SEQ ID NO:60; Bsu – SEQ ID NO:61; Mtu – SEQ ID NO:62; and Dra – SEQ ID NO:63).--

Please replace the paragraph beginning on page 8, line 13, with the following amended paragraph:

--Fig. 34 is an alignment of the amino acid sequence of TRCF- β (SEQ ID NO:65) and UvrB- β (SEQ ID NO:64).--

Please enter the attached paper copy of the sequence listing into the application, following the drawings.